

Amendments to the Claims

Claims 1-21 (Cancelled)

22. (New) A method of providing an information page to a handheld viewing device, comprising the steps of:

requesting an information page at the handheld viewing device;

retrieving the information page from a remote system;

if the information page includes a plurality of frames, then generating an abbreviated version of the information page, wherein the abbreviated version includes a graphical representation of the information page and an image map that identifies the locations of the plurality of frames within the graphical representation of the information page; and

transmitting the abbreviated version of the information page to the handheld viewing device.

23. (New) The method of claim 22, further comprising the steps of:

providing a gateway device for receiving the request from the handheld viewing device and for retrieving the information page from the remote system.

24. (New) the method of claim 23, further comprising the steps of:

coupling the gateway device to the handheld viewing device via a wireless network.

25. (New) The method of claim 23, further comprising the steps of:

coupling the gateway device to the remote system via a wired network.

26. (New) The method of claim 25, wherein the wired network is the Internet, and the remote system is a world-wide-web server.

27. (New) The method of claim 26, wherein the information page is a web page.

28. (New) The method of claim 23, wherein the gateway device stores the information page in a cache and generates the abbreviated version thereof, including the graphical representation and the image map.

29. (New) The method of claim 22, further comprising the steps of:

displaying the graphical representation of the information page at the handheld viewing device;

selecting a portion of the graphical representation;

accessing the image map to determine a frame that corresponds to the portion of the graphical representation selected; and

retrieving a graphical representation of the selected frame and displaying it on the handheld viewing device.

30. (New) The method of claim 29, further comprising the steps of:

providing a uniform resource locator (URL) associated with each of the plurality of frames identified by the image map; and

transmitting one of the uniform resource locators to the remote system in response to selecting the portion of the graphical representation.

31. (New) The method of claim 22, wherein the graphical representation is a bitmap file.

32. (New) The method of claim 22, further comprising the steps of:

if the information page does not include a plurality of frames, then transmitting the information page to the handheld viewing device without abbreviating it into the graphical representation and the image map.

33. (New) The method of claim 22, further comprising the steps of:

prior to the transmitting step, reducing the size of the graphical representation of the information page to match the display characteristics of the handheld viewing device.